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Research outputs

Review and assessment of market, policy and stakeholder participation in energy flexibility of buildings

Wittchen, K. B. (Editor), Christensen, T. H. (Editor) & Knotzer, A. (Editor), Jun 2025, Technical University of Denmark (DTU). 104 p.

Influence of window recess on solar loads, heat loss and external condensation

Wittchen, K. B., Rose, J. & Nielsen, A., 2023, In: Journal of Physics: Conference Series (Online). 2654, 1, 012144.

Energy flexible DYnamic building Certification - Decision Support System. E-DYCE deliverable D4.2.

Wittchen, K. B. & Chiesa, G., 15 Dec 2022, European Commission. 22 p.

Nordic-Baltic NZEBs: Exchange of experience

Wittchen, K. B. (Editor), Thomsen, K. E., Kurnitski, J., Simson, R. & Arumägi, E., May 2022, Kbh.: Institut for Byggeri, By og Miljø (BUILD), Aalborg Universitet. 107 p. (BUILD Rapport; No. 20, Vol. 2022). (BUILD Report; No. 20, Vol. 2022).

Vejrdata til fremtidens byggeri

Wittchen, K. B. & Jønsson, K. T., Mar 2021, Aalborg: Institut for Byggeri, By og Miljø (BUILD), Aalborg Universitet. 11 p.

Analyses of thermal storage capacity and smart grid flexibility in Danish single-family houses

Wittchen, K. B., Jensen, O. M., Real, J. P. & Madsen, H., 13 Oct 2020, *BuildSim-Nordic 2020 : Selected papers: International Conference Organised by IBPSA-Nordic, 13th–14th October 2020, OsloMet*. Georges, L., Haase, M., Novakovic, V. & Schild, P. G. (eds.). 1 ed. Oslo: SINTEF Academic Press, Vol. 1. p. 131-138 8 p. (SINTEF proceedings, Vol. 5).

Cost optimisation and life cycle assessments of nearly zero energy buildings

Wittchen, K. B., Thomsen, K. E., Mørck, O. & Gutierrez, M. S. M., Jan 2020, In: REHVA Journal. 2020, 1, p. 44-47 5 p.

Energy and indoor climate measurements in Denmark's first energy neutral block of flats

Wittchen, K. B. & Jensen, S. Ø., 6 Nov 2019, *1st Nordic Conference on Zero Emission and Plus Energy Buildings*. 1 ed. IOP Publishing, Vol. 352. p. 1-7 7 p. 012010. (IOP Conference Series: Earth and Environmental Science, Vol. 352).

EU projekt CoNZEBS sætter skub i udviklingen af billigere lavenergibyggeri

Wittchen, K. B., Thomsen, K. E., Mørck, O. & Sanchez Mayoral Gutierrez, M., Nov 2019, In: *HVAC Magasinet*. 2019, 11, p. 16-20

Solutions sets for cost optimisation of nearly zero energy buildings (NZEBS) in four European countries

Wittchen, K. B., Thomsen, K. E., Mørck, O., Erhorn-Kluttig, H., Erhorn, H., Illner, M., Sanchez Mayoral Gutierrez, M., Zinzi, M., Mattoni, B., Fasano, G., Zavrl, M. Š. & Jacimovic, M., Sept 2019, In: *IOP Conference Series: Materials Science and Engineering*. 609, 7, p. 1-6 6 p., 072055.

Solution sets and technologies for NZEBs: Solution sets for the Cost reduction of new Nearly Zero-Energy Buildings – CoNZEBS

Wittchen, K. B., Thomsen, K. E., Mørck, O., Sanchez Mayoral Gutierrez, M., Balslev-Olesen, O., Illner, M., Erhorn-Kluttig, H., Erhorn, H., Zinzi, M., Mattoni, B. & Zavrl, M. Š., 31 Jan 2019, 127 p.

Innovative technologies: Experiences from new buildings

Wittchen, K. B., Thomsen, K. E., Erhorn, H. & Erhorn-Kluttig, H., 20 Apr 2018, *Concerted Action: Energy Performance of Buildings*. 4 p.

Varmebesparelse i eksisterende bygninger: Potentiale og økonomi

Wittchen, K. B., Aggerholm, S. & Kragh, J., 28 Nov 2017, København: Statens Byggeforskningsinstitut, SBI. 42 p. (SBI Forskning; No. 16, Vol. 2017).

Skal man skrue ned for radiatoren, når man lufter ud?

Wittchen, K. B., 6 Sept 2016, *Hvorfor må man ikke sige nejer?: 77 videnskabelige svar på små og store spørgsmål, du støder på til daglig*. 1. udgave ed. København: Politikens Forlag, p. 121-122 2 p.

Potential heat savings during ongoing renovation of buildings until 2050

Wittchen, K. B., Kragh, J. & Aggerholm, S., Feb 2016, 1 ed. København: SBI forlag. 73 p. (SBI; No. 2016:04).

Byggematerialers indflydelse på indendørs mobildækning

Wittchen, K. B., 2016, *Indendørs Mobildækning*. København: Energistyrelsen, 4 p.

Danish building typologies and building stock analyses: Participation in the EPISCOPE project

Wittchen, K. B. & Kragh, J., 2016, 1. udgave ed. København: SBI Forlag. 17 p. (SBI; No. 2016:18).

Potential heat savings during ongoing renovations of buildings until 2050

Wittchen, K. B., Kragh, J. & Aggerholm, S., 2016, 1 ed. København: SBI forlag. 73 p. (SBI; No. 04, Vol. 2016).

Local initiative extrapolated to nation: Denmark

Wittchen, K. B., Kragh, J. & Brøgger, M., 18 Nov 2015.

Local initiative extrapolated to nation: Denmark

Wittchen, K. B., Kragh, J. & Brøgger, M., 18 Nov 2015.

How to estimate realistic energy savings in Energy Performance Certificates

Wittchen, K. B., Altmann, N. & Berecová, M., Apr 2015, 15 p.

Joint working group session report. Concerted Action EPBD

Wittchen, K. B. & Edelenbos, E., Apr 2015, 8 p.

Technical Building Systems (TBS) – differences between new and existing buildings

Wittchen, K. B. & Griffiths, W., Apr 2015, 21 p.

Technical building systems in existing and new buildings: Denmark

Wittchen, K. B. & Thomsen, K. E., 4 Mar 2015. 1 p.

Technical building systems in existing and new buildings: Denmark

Wittchen, K. B. & Thomsen, K. E., 4 Mar 2015.

Energineutralt Byggeri: Tekniske løsninger

Wittchen, K. B. (Editor), Østergaard Jensen, S. (Editor), Brand, M., Christensen, C. H., Galiotto, N., Heiselberg, P., Iqbal, A., Østergaard Jensen, S., Johnsen, K., Katic, I., Lauritsen, D., Dreau, J. L., Liu, M., Lund, H., Marszal, A. J., Milan, C., Mortensen, A., Nielsen, S., Pavlov, G. K. & Tahersima, F. & 2 others, Winther, F. V. & Wittchen, K. B., May 2014, 1. udgave ed. København: SBI forlag. 68 p.

Potentielle varmebesparelser ved løbende bygningsrenovering frem til 2050

Wittchen, K. B., Kragh, J. & Aggerholm, S., Apr 2014, 1 ed. København: SBI forlag. 59 p. (SBI; No. 01, Vol. 2014).

Energy savings in the Danish building stock until 2050

Wittchen, K. B. & Kragh, J., 2014, *NSB 2014: 10th Nordic Symposium on Building Physics 15-19 June 2014 Lund, Sweden: Full papers*. Arvidsson, J., Harderup, L.-E., Kumlin, A. & Rosencrantz, B. (eds.). Lund, Sweden: Lunds Tekniska Högskola, LTH. Institutionen för Byggnadsteknik, p. 1277-1284 8 p. 159

Energy savings in the Danish building stock until 2050

Wittchen, K. B. & Kragh, J., 2014, *NSB 2014: 10th Nordic Symposium on Building Physics 15-19 June 2014 Lund, Sweden: Abstract book*. Arvidsson, J., Harderup, L.-E., Kumlin, A. & Rosencrantz, B. (eds.). Lund, Sweden: Lunds Tekniska Högskola, LTH. Institutionen för Byggnadsteknik, p. 177 1 p. 159

Energy performance requirements using the cost-optimal methodology

Wittchen, K. B. & Thomsen, K. E., Oct 2013, *Implementing the Energy Performance of Buildings Directive (EPBD): Featuring country reports 2012*. Sutherland, G., Maldonado, E., Wouters, P. & Papaglastra, M. (eds.). 2 ed. Porto: Portuguese Energy Agency (ADENE), p. 37-46 10 p.

EPBD implementation in Denmark

Wittchen, K. B., Thomsen, K. E., Malmsteen, M. & Mehlsen, E. S., Oct 2013, *Implementing the Energy Performance of Buildings Directive (EPBD): Featuring country reports 2012*. Sutherland, G., Maldonado, E., Wouters, P. & Papaglastra, M. (eds.). 2 ed. Porto: Portuguese Energy Agency (ADENE), p. 157-166 10 p.

EPBD implementation in Denmark

Wittchen, K. B., Thomsen, K. E., Malmsteen, M. & Mehlsen, E. S., Oct 2013, *Implementing the Energy Performance of Buildings Directive (EPBD)*.

Energy performance requirements using the cost-optimal methodology

Wittchen, K. B. & Thomsen, K. E., Jun 2013, *Implementing the Energy Performance of Buildings Directive (EPBD): Featuring country reports 2012*. Sutherland, G., Maldonado, E., Wouters, P. & Papaglastra, M. (eds.). Porto: Portuguese Energy Agency (ADENE), p. 37-46 10 p.

Energy performance requirements using the cost-optimal methodology

Wittchen, K. B. & Thomsen, K. E., Jun 2013, *Implementing the Energy Performance of Buildings Directive (EPBD)*.

EPBD implementation in Denmark

Wittchen, K. B., Thomsen, K. E., Malmsteen, M. & Mehlsen, E. S., Jun 2013, *Implementing the Energy Performance of Buildings Directive (EPBD): Featuring country reports 2012*. Sutherland, G., Maldonado, E., Wouters, P. & Papaglastra, M.

(eds.). Porto: Portuguese Energy Agency (ADENE), p. 157-166 10 p.

Udtjente bygninger og bygningsrenovering: Netværk for energirenovering

Wittchen, K. B. & Kragh, J., Jun 2013, København: SBI forlag. 13 p. (SBI; No. 16, Vol. 2013).

Varmebesparelser ved løbende bygningsrenovering frem til 2050: Netværk for energirenovering

Wittchen, K. B. & Kragh, J., Mar 2013, København: SBI forlag. 30 p. (SBI; No. 08, Vol. 2013).

Danish building typologies: Participation in the TABULA project

Wittchen, K. B. & Kragh, J., Sept 2012, Hørsholm: SBI forlag. 89 p. (SBI; No. 1, Vol. 2012).

Building typologies in the Nordic countries: Identification of potential energy saving measures

Wittchen, K. B., Mortensen, L. H., Holøs, S., Björk, N. F., Vares, S. & Malmqvist, T., Mar 2012, Hørsholm: SBI forlag. 83 p. (SBI; No. 04, Vol. 2012).

Implementation of the cost-optimal methodology according to the EPBD recast

Wittchen, K. B. & Thomsen, K. E., Mar 2012, In: REHVA Journal. 49, 3, p. 46-47 2 p.

Introducing cost-optimal levels for energy requirements

Wittchen, K. B. & Thomsen, K. E., Mar 2012, In: REHVA Journal. 49, 03, p. 25-29 5 p.

Cost-optimal levels for energy performance requirements: The Concerted Action's input to the Framework Methodology

Wittchen, K. B. (Editor), Thomsen, K. E., Aggerholm, S., Kluttig-Erhorn, H., Erhorn, H., Poel, B. & Hitchin, R., 20 Dec 2011, 75 p.

Cost-optimal levels for energy performance requirements: The Concerted Action's input to the Framework Methodology

Wittchen, K. B. (Editor), Thomsen, K. E., Aggerholm, S., Kluttig-Erhorn, H., Erhorn, H., Poel, B. & Hitchin, R., 20 Dec 2011

Cost optimal levels for energy performance requirements: Executive summary

Wittchen, K. B. (Editor), Thomsen, K. E., Aggerholm, S., Kluttig-Erhorn, H., Erhorn, H., Poel, B. & Hitchin, R., 1 Jul 2011, European Commission. 36 p.

Energioptimering af kontorbyggeri

Wittchen, K. B., Hansen, E. J. D. P., Radish, N. & Tredal, J., May 2011, 1 ed. Hørsholm: SBI forlag. 130 p. (SBI; No. 16, Vol. 2011).

BSim: User's Guide

Wittchen, K. B. (Editor), Sørensen, K. G., Johnsen, K. & Rose, J., 2011, Hørsholm : SBI forlag.

BSim: User's Guide

Wittchen, K. B. (Editor), Sørensen, K. G., Johnsen, K. & Rose, J., 2011

Energy saving potentials – A case study on the Danish building stock: presentation

Wittchen, K. B., Kragh, J. & Jensen, O. M., 2011, *ECEEE 2011 SUMMER STUDY: Energy efficiency first: The foundation of a low-carbon society*. 1 ed. Stockholm: European Council for an Energy Efficient Economy (ECEEE), Vol. 3. p. 1355-1363 9 p.

Energy saving potentials – A case study on the Danish building stock

Wittchen, K. B., Kragh, J. & Jensen, O. M., 2011, *ECEEE 2011 Summer Study: Energy efficiency first: The foundation of a low-carbon society*. 1 ed. Stockholm: European Council for an Energy Efficient Economy (ECEEE), Vol. 1. p. 139

Energy saving potentials – A case study on the Danish building stock

Wittchen, K. B., 2011, 9 p.

Energy saving potentials – A case study on the Danish building stock: presentation
Wittchen, K. B., Kragh, J. & Jensen, O. M., 2011, *ECEEE 2011 SUMMER STUDY*.

CT1, Lessons learned in CA2
Wittchen, K. B. & Thomsen, K. E., 25 Oct 2010, 16 p.

Rescaling Certificates
Wittchen, K. B., 25 Oct 2010, 16 p.

BOLIG+: An energy neutral multifamily building
Wittchen, K. B., Jensen, S. Ø., Kamper, S. & Kvist, L., 29 Sept 2010, *Proceedings of EuroSun 2010*. 8 p.

Energirenovering af kontorbygning: Eksempel: Det Farmaceutiske Fakultet, Bygning 30
Wittchen, K. B. & Weitzmann, P., 2010, Statens Byggeforskningsinstitut, SBI. 34 p. (SBI; No. 49, Vol. 2010).

Extracting added value from EPC databases: Report from EPBD Concerted Action II plenary meeting, Amsterdam 21.-22. January, 2010
Wittchen, K. B. & van Diggelen, L., 2010

BSim: Brugervejledning
Wittchen, K. B., Sørensen, K. G., Johnsen, K. & Rose, J., 2009, Hørsholm : SBI forlag.

BSim: User's Guide
Wittchen, K. B., Sørensen, K. G., Johnsen, K. & Rose, J., 2009, Hørsholm : SBI forlag.

Certification of flats and blocks of flats: Report from EPBD Concerted Action II plenary meeting in Prague, 1-2 December 2008
Wittchen, K. B. & Thomsen, K. E., 2009, Hørsholm, 12 p.

Database management: Report from EPBD Concerted Action II plenary meeting, Berlin 15.-16. June, 2009
Wittchen, K. B. & van Diggelen, L., 2009, Hørsholm, 32 p.

Database management: Report from EPBD Concerted Action II plenary meeting, Berlin 15.-16. June, 2009
Wittchen, K. B. & van Diggelen, L., 2009

Potentielle energibesparelser i det eksisterende byggeri
Wittchen, K. B., 2009, Hørsholm: SBI forlag. 38 p. (SBI; No. 2009:05).

Summary report on certification of flats and blocks of flats: Report from EPBD Concerted Action II plenary meetings in Warsaw, Lyon, and Prague
Wittchen, K. B. & Thomsen, K. E., 2009, Hørsholm, 17 p.

Analyse af energimærker for parcelhuse
Wittchen, K. B., 2008, Statens Byggeforskningsinstitut, SBI. 16 p. (SBI; No. 22, Vol. 2008).

BSim - Brugervejledning
Wittchen, K. B., Johnsen, K., Sørensen, K. G. & Rose, J., 2008, Hørsholm

BSim - Brugervejledning
Wittchen, K. B., Johnsen, K., Sørensen, K. G. & Rose, J., 2008

BSim - User's Guide

Wittchen, K. B., Johnsen, K., Sørensen, K. G. & Rose, J., 2008, Hørsholm

European national strategies to move towards very low energy buildings

Wittchen, K. B. & Thomsen, K. E., 2008, Hørsholm: SBI forlag. 33 p. (SBI; No. 2008:07).

BSim: Building Simulation

Wittchen, K. B., Johnsen, K. & Sørensen, K. G., 2007

Danish EPA-NR pilot studies

Wittchen, K. B., 2007, *Overall report on the pilot projects: Final report, June 2007*. Lahrech, R. (ed.). Paris, France: CSTB, p. 13, 17, 21, 37 4 p.

Danish pilot study - Health care building: National report - Denmark. Final report, June 2007

Wittchen, K. B., 2007, Hørsholm, Danmark: SBI forlag. 22 p.

ENRtool - BesTest results

Wittchen, K. B., 2007, *EPA-NR final reports*. 23 p.

Pilot study: Educational building. National report -Denmark

Wittchen, K. B., 2007, Arnhem: EPA, Energy Performance Assessment of Existing Non-Residential Buildings. 24 p.

Pilot study: Educational building. National report -Denmark

Wittchen, K. B., 2007

Pilot study - Office building: National report - Denmark

Wittchen, K. B. & Thomsen, K. E., 2007, Arnhem: EPA, Energy Performance Assessment of Existing Non-Residential Buildings. 24 p.

BSim

Wittchen, K. B., 2005, *Contrasting the capabilities of building energy performance simulation programs*. Crawley, D. B. (ed.). Washington, DC: U.S. Department of Energy ; University of Strathclyde ; University of Wisconsin, p. 231-232

BSim User's Guide

Wittchen, K. B., Johnsen, K. & Sørensen, K. G., 2005, Hørsholm

Energy certification schemes and impact test preparation

Wittchen, K. B., Thomsen, K. E., Bauwens, K. & Jensen, O. M., 2005, Hørsholm. (IMPACT; No. 1).

Use of weather forecasts to control night cooling

Wittchen, K. B., Løgberg, E., Pedersen, S., Djurtoft, R. & Thiesen, J., 2005, *Building Simulation 2005*. p. 1347-1353

EPA-ED tool: User's guide

Wittchen, K. B. & Sørensen, K. G., 2004

Vurdering af den energimæssige ydeevne for eksisterende boliger: EPA-ED, Energy performance assessment method for existing dwellings

Wittchen, K. B., 2004, Arnhem

Vurdering af potentialet for varmebesparelser i eksisterende boliger

Wittchen, K. B., 2004, Hørsholm: SBI forlag. 56 p. (By og Byg Dokumentation; No. 057).

Beregn ydelsen fra solceller med BSim

Wittchen, K. B., 2003, In: Danvak magasinet : VVS, energi, indeklima, bygningsinstallationer. 3, 2, p. 26 1 p.

Building integrated photovoltaics in a thermal building simulation tool

Wittchen, K. B., 2003, *In Building Simulation 2003: Eighth International IBPSA Conference, For better building design.* IBPSA, Vol. 3. p. 1417-1421

BSim2002: Et integreret edb-værktøj til analyse af indeklima og energiforbrug i bygninger

Wittchen, K. B., Sørensen, K. G. & Johnsen, K., 2002, Hørsholm: SBI forlag. (Edb-program).

Development of a methodology for selecting office building upgrading solutions based on a test survey in European buildings

Wittchen, K. B. & Brandt, E., 2002, In: Energy and Buildings. 34, 2, p. 163-169 7 p.

Enghavevej 28, København: (Datablad 7, oktober 2002)

Wittchen, K. B. & Svensson, O., 2002, Taastrup

Ingeniøremes Hus, København: (Datablad 8, oktober 2002)

Wittchen, K. B. & Svensson, O., 2002, Taastrup

Solceller i arkitekturen

Wittchen, K. B. & Svensson, O. : C., 2002, Hørsholm: SBI forlag. 75 p. (Udenfor serier).

Solceller i arkitekturen

Wittchen, K. B. & Svensson, O., 2002, Hørsholm : Statens Byggeforskningsinstitut, Aalborg Universitet.

Brundtland Centret, Toftlund: (Datablad 1, januar 2001)

Wittchen, K. B. & Svensson, O., 2001, Taastrup

By og Byg Resultater 005.Facaderenovering med glas: resultater

Wittchen, K. B., 2001, 1. udgave. ed. Hørsholm: Kunstakademiets Arkitektskole; Statens Byggeforskningsinstitut. 19 p.

Datablade om bygningsintegrerede solceller

Wittchen, K. B. & Svensson, O., 2001, In: Danvak magasinet : VVS, energi, indeklima, bygningsinstallationer. 1, 12, p. 24-25

Energibesparelser ved renovering

Wittchen, K. B. & Svensson, O., 2001, In: Danvak magasinet : VVS, energi, indeklima, bygningsinstallationer. 1, 5, p. 76-78

Facaderenovering med glas: Resultater

Wittchen, K. B., 2001, 1. udgave. ed. Hørsholm: SBI forlag. 19 p. (By og Byg Resultater; No. 005).

Facaderenovering med glas: resultater

Wittchen, K. B., 2001, Statens Byggeforskningsinstitut, Aalborg Universitet.

Facaderenovering med glas: By og Byg Resultater 005

Wittchen, K. B., 2001

Lærkelængen, Albertslund: (Datablad 3, januar 2001)

Wittchen, K. B. & Svensson, O., 2001, Taastrup

Solgården, Kolding: (Datablad 2, januar 2001)
Wittchen, K. B. & Svensson, O., 2001, Taastrup

Sundevedsgade, København
Wittchen, K. B. & Svensson, O., 2001, Taastrup

Sundevedsgade / Tøndergade, København
Wittchen, K. B. & Svensson, O., 2001, Taastrup:

Tingbjerg Skole, København
Wittchen, K. B. & Svensson, O., 2001, Taastrup

Tøndergade, København
Wittchen, K. B. & Svensson, O., 2001, Taastrup

Calculation of building heating demand in EPIQR
Wittchen, K. B. & Aggerholm, S., 2000, In: Energy and Buildings. 31, 2, p. 137-141

Super insulated glass house
Wittchen, K. B. & Aggerholm, S., 2000, In: CADDET Energy Efficiency. 1, p. 16-17 2 p.

Det Højisolerede Glashus: Egebjerggård, Ballerup
Wittchen, K. B. & Aggerholm, S., 1999, Hørsholm: SBI forlag. 20 p. (SBI-rapport, Vol. 317).

Det højisolerede glashus: statusrapport
Wittchen, K. B. & Aggerholm, S., 1997, Statens Byggeforskningsinstitut, Aalborg Universitet.

Solar Walls in tsbi3: users guide
Wittchen, K. B., 1997, Hørsholm: SBI forlag. 32 p.

Solar walls in tsbi3 user's guide
Wittchen, K. B., 1997, Hørsholm: SBI forlag. 32 p. (Udenfor serier).

"Hurtige" modeller til tsbi3 og Kviksol
Wittchen, K. B. & Østergård Jensen, S., 1996, In: VVS. 32, 13, p. 43-44 1 p.

Hurtige modeller til tsbi3 og Kviksol
Wittchen, K. B. & Østergaard Jensen, S., 1996, In: VVS. 32, 13, p. 43-44

Solvægge i simuleringsprogrammer
Wittchen, K. B., 1996, Hørsholm: SBI forlag. 50 p. (SBI-rapport; No. 267).

Solvægge i simuleringsprogrammer
Wittchen, K. B., 1996, Hørsholm: Statens Byggeforskningsinstitut, Aalborg Universitet. 50 p.

Solvægge i tsbi3
Wittchen, K. B., 1996, In: VVS. 32, 14, p. 38-40

tsbi3 - status 1995
Wittchen, K. B., 1995, *EFP-temadag 'Energibevist bygningsprojektering med edb': Dansk Teknologisk Institut, 20. november 1995.* Taastrup: Teknologisk Institut, 3 p.

Active solar energy in building simulations

Wittchen, K. B. & Jensen, S. Ø., 1994, *North Sun '94. Solar energy at high latitudes*. MacGregor, K. & Porteous, C. (eds.). Earthscan, p. 203-208

Solar walls in building simulations

Wittchen, K. B., 1994, *North Sun 94: Solar Energy at High Latitudes*. MacGregor, K. & Porteous, C. (eds.). Earthscan, p. 209-216

Validering af edb-programmet tsbi3

Wittchen, K. B. & Johnsen, K., 1994, In: *VVS*. 30, 1, p. 6-8, 41-42 3 p.

A solar wall simulation module

Wittchen, K. B., 1993, *Proceedings of the Third International IBPSA Conference*. Mitchell, J. W., Delsante, A. E. & Van der Perre, R. C. (eds.). IBPSA, p. 377-383

Simulating solar walls with tsbi3

Wittchen, K. B., 1993, *Proceedings of the 3rd Symposium on Building Physics in the Nordic Countries, Building Physics '93*. Saxhof, B. (ed.). Technical University of Denmark. Thermal Insulation Laboratory., Vol. Vol. 1. p. 309-316

Varmeanlæg til velisolerede bygninger: dimensionerings-principper

Wittchen, K. B., Saxhof, B. & Laboratoriet for Varmeisolering, Danmarks Tekniske Højskole, 1993, 56 p. BYG*DTU.